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          (c) 2002 The Gale Group
File  603:Newspaper Abstracts 1984-1988
          (c)2001 ProQuest Info&Learning
File  483:Newspaper Abs Daily 1986-2003/Sep 16
          (c) 2003 ProQuest Info&Learning
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Set      Items    Description
S1     1208363    CAR OR CARS OR AUTOMOBILE OR TRUCK? OR VEHICLE?
S2       34396    S1 AND (RACING OR SPEEDING)
S3       19806    CAMERA AND (MOUNT? OR INSTALL? OR INSERT? OR CONNECT? OR A-
                  TTACH? OR INSERT? OR AUGMENT? OR APPEND?)
S4          25    S3 AND (FACING OR DIRECTED) AND (FORWARD OR TRACK OR ROAD -
                  OR LAPS)
S5        3179    (SHOW? OR VIEW? OR DISPLAY? OR FOLLOWING) AND S2
S6           0    S2 AND S4
S7           0    S4 AND S5
S8           3    S1 AND S4
S9           3    RD S8 (unique items)
S10         11    S3 AND S5
S11         11    S10 NOT S8
S12         11    RD S11 (unique items)
```

**Image Processing System on Metropolitan Expressway. Application of Image
    Processing System to Tunnels.**
HIRANO TAKUMA (1); SHINOZAKI TOSHIMITSU (1); KANEKO YUKIHIRO (2); FUKASAWA
    MUNEAKI (2); MATANO MASAHIKO (3)
(1) Metrop. Expressway Public Corp.; (2) Matsushita Commun. Ind. Co., Ltd.
; (3) Omron Corp.

...ABSTRACT: main artery in and around Metropolitan Tokyo Together with the
    increase in the number of **vehicles** using the expressway, both the
    number of traffic accidents and the frequency of congestion situations
    ...
...Metropolitan Expressway, about 900 CCTV cameras to monitor vehicular
    flow and control traffic have been **installed** . Thus, the Metropolitan
    Expressway Public Corporation has **directed** its attention to an image
    processing system which can automatically defect any abnormal incident.
    In...
...DESCRIPTORS: **road** tunnel...

...motor **vehicle** accident...

...video **camera** ;
...BROADER DESCRIPTORS: **road** ; ...

... **camera** ;

Autonomous driving by pattern matching and reinforcement learning
(Autonomes Fahren mit Pattern Matching und Reinforcement Learning)
Kuhnert, K-D; Kroedel, M
Univ. Siegen, D

ABSTRACT:
Research in the area of autonomous **vehicle** driving is pursuing mainly two
different directions: neural networks or explicit modelling. This research
starts...

...with a reinforcement learning algorithm. The paper focuses on the

requirement to steer an autonomous **car** along a curvy and hilly **road** course with no intersections and no other **vehicles** or obstacles on the **road** but with the strict requirement of self-improved driving behaviour based on delayed, self-created rewards or punishments. A single **connected camera** is being used for building up quickly (real-time-requirement) an abstract complete situation description (ACSD) of the situation the **vehicle** is currently **facing** . All ACSD are being stored together with the issued steering commands being valid at that...

...the driving behaviour has to be self-created (e.g. time measurement for a whole **road** section) and is therefore delayed and unspecific in relation to single issued steering commands. Consequently...

9/3,K/3   (Item 2 from file: 95)

ABSTRACT:
The Safety Concept **Car** (SCC) is a showcase for Volvo's talents and acts as a shopwindow for features it hopes will eventually appear in future generations of its **cars** . Instead of a traditional remote control key fob, you get a Volvo Personal Communicator (VPC), roughly the size of a small television remote control. The **car** and remote control communicate automatically, with or without the driver's involvement, and is an example of how Bluetooth wireless technology can be harnessed in **cars** of the future. The VPC also boasts a built-in fingerprint sensor that can be...

...for the driver's seat, pedals, steering wheel, mirrors and so on, to adjust the **car** before entry. The A-pillars feature an Eiffel Tower-style metal structure to retain their...
...accident. In fact, blind spots should be a thing of the past altogether. Inside the **car** , sensors·locate the position of the driver's eyes, then adjust the seat, steering wheel...

...the door mirrors are sensors that alert the driver to any approaching traffic in the **car** 's blind spot and therefore unseen in the mirrors. Volvo is, at present, exploring two...

...more of the SCC's talents come to the fore, especially for night driving. The **car** is equipped with an infra-red light enhancer that gives the driver a longer and broader field of vision in the dark. As well as the cameras **mounted** within the door mirrors, there is another in the roof bar that provides visibility to the rear. Another **camera** points downward for increased vision. Meanwhile, at the front of the Volvo, a **forward - facing camera** monitors the position of the **car** in relation to the **road** line markings 20 m ahead. With all of these devices on board, Volvo has also...

...safer. The SCC has the latest development of Volvo's On Call telematics system. The **car** automatically sends an alarm to a call centre in the event of an accident.
DESCRIPTORS: AUTOMOTIVE INDUSTRY; DRIVER INFORMATION SYSTEMS; REMOTE

12/3,K/1   (Item 1 from file: 2)

03696081   INSPEC Abstract Number: B90057829, C90050895
 Title: Development of a lorry monitoring and identification system
  Author(s): Tarry, S.; Ayland, N.D.; Lear, D.W.
  Conference Title: Third International Conference on Road Traffic Control
(Conf. Publ. No.320)   p.173-7
  Publisher: IEE, London, UK
  Publication Date: 1990 Country of Publication: UK   viii+218 pp.
  Conference Sponsor: IEE
  Conference Date: 1-3 May 1990   Conference Location: London, UK
  Language: English
  Subfile: B C

    Abstract: This paper describes a project to develop, **install** and
commission a prototype system to monitor and photograph lorries
contravening lorry bans. The prototype enforcement system described
consists of two main components: a **vehicle** detection system incorporating
piezo sensors; and a **camera** system which is used to photograph **vehicles**
of interest. Tests of the system at · a trial site in Welham Green,
Hertfordshire, UK, have **shown** that it is effective in identifying heavy
goods **vehicles** that are potential ban violators. This is the first time
that a classification system has been successfully implemented which seeks
to classify **vehicles** according to 'plated' gross **vehicle** weight. Based
on the prototype **installed** and tested at Welham Green, the SHERIFF law
enforcement system has been developed. This could...

...traffic highway violations. This will be particularly true when laws are
passed allowing prosecutions for **speeding** and red-light offences to be
made on the basis of photographic evidence alone.
    ...Identifiers: plated gross **vehicle** weight...

... **speeding** offences...

... **camera** system...

...heavy goods **vehicles** ;

 12/3,K/2   (Item 1 from file: 94)

05300214   JICST ACCESSION NUMBER: 02A0901536 FILE SEGMENT: JICST-E
Changes of speed and safety by automated speed enforcement systems.
KANG J-G (1)
(1) Korea Highway Corp., Seongnam, Kor
IATSS Res(Int Assoc Traffic Saf Sci), 2002, VOL.26,NO.2, PAGE.38-44, FIG.4,
    TBL.5, REF.8
JOURNAL NUMBER: S0992AAO   ISSN NO: 0386-1112
UNIVERSAL DECIMAL CLASSIFICATION: 656.1.05
LANGUAGE: English   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: **Speeding** has been reported as one of the major causes for fatal
    traffic accidents in Korea. The resolution against this dangerous

speeding comes to make the Automated Speed Enforcement(ASE) system an enforcement tool. Since April 1997, the Korean National Police Agency(NPA) has **installed** more than 1,000 ASE systems at a number of road sections in Korea. They aim to lower the number of **speeding** violations and thus reduce the severity of road accidents especially the number of deaths. The...

...on traffic speed characteristics and on the overall safety of roads. The experience in Korea **shows** that introduction of massive ASE systems has been very successful in terms of reducing, not...

...summarized as follows: 1) ASE systems in Korea prove to reduce means and variances of **vehicle** speeds. A recent public attitude survey indicated that more than 70% of Korean drivers reduced...

...to speed cameras and decreased fatalities by about 40% to 80% in 2km of the **camera** influence area. 3) It was found that, in terms of **camera** location, fixed-type ASE systems were the most effective in reducing accidents when it was **installed** at the upstream of curves or downgrade sections. 4) It was also found that well...

...type speed cameras have a great potential for early speed reduction in advance to the **camera** site. They also reduce drivers' complaints. (author abst.)
...DESCRIPTORS: **automobile** ; ...

... **camera** ; ...

...motor **vehicle** accident

12/3,K/3   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
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13552504   PASCAL No.: 98-0253935
The deterrence of high speed driving : a criminological perspective
CORBETT C; SIMON F; O'CONNELL M
Transport Research Laboratory; Crowthorne, United Kingdom
Journal: TRL report, 1998 (296) V, 58 p., ill. Non-paginated pages/foldouts
Report No.: TRL 298-296
Language: English   Summary Language: English

... speed driving, and in which the main focus was on strategies of prevention and deterrence. **Following** previous research, it appears that a combination of internal and external counter-measures is most...

... age (young drivers under 21), occupational group (those who drive for a living), type of **vehicle** driven (high performance **vehicles**) or membership of a sports **car** club exerted any influence on a driver's choice of speed, and whether at least...

... them to speed iv to build up a picture of the sociocultural context in which **speeding** takes place, by examining the roles of traffic police officers, magistrates and driving instructors in...

... method, but 46 were obtained from DVLA records after being photographed by an unmanned speed **camera** and warned instead of prosecuted. Another

component was a survey of 524 users of the A40 arterial road where cameras had been **installed** earlier. The third part comprised depth interviews with 60 traffic police officers, 35 magistrates (and...

... from 51 states of the USA for the fifth objective above. Results In Chapter 3, **following** presentation of two photographs, one of an urban road and the other a motorway, it...

12/3,K/4   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09742259
Hawaii Halts Use of Cameras to Catch Speeders
  US: Hawaii scraps speed **camera** programme
New York Times (ZAA)   11 Apr 2002
Language: ENGLISH

   US: Hawaii scraps speed **camera** programme

... s Governor has scrapped a scheme introduced two months ago on Oahu designed to catch **speeding** motorists using cameras, **following** widespread public criticism. Under the scheme a private company used van-**mounted** cameras linked to radar to automatically photograph the licence plate of a **speeding** car . A ticket was then mailed to the owner of the **vehicle** . Supporters of the idea argued that it would help to slow traffic speeds and save...

... it amounted to an invasion of privacy and unfairly assumed that the person driving the **vehicle** was the owner.

12/3,K/5   (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

07215141   SUPPLIER NUMBER: 313461231
Reports With a Troop's-Eye- View ; For Embedded Correspondents, the Small Picture Is Big News
Kurtz, Howard
Washington Post, p C.01
Mar 22, 2003
ISSN: 0190-8286   NEWSPAPER CODE: TWP
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English   RECORD TYPE: ABSTRACT

Reports With a Troop's-Eye- View ; For Embedded Correspondents, the Small Picture Is Big News

ABSTRACT: **Viewers** have seen ABC's Ted Koppel with a line of hundreds of tanks crossing the...

...a mobile satellite transmission platform to transmit green-tinted pictures as he rode atop a **speeding** **truck** with the 3rd Infantry Division in southern Iraq.   There are moments of ingenuity. When CBS's Jim Axelrod discovered his crew had lost its night-vision **camera** lens, he told his colleagues, "We were in the outhouse. I was contemplating ways to ...

...But cameraman Mario de Carvalho used some duct tape and a plastic-bag
"twisty" to **attach** the reporter's night-vision goggles to the **camera** .

12/3,K/6   (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06946488   SUPPLIER NUMBER: 144238191
Hot time in the city / 'Dateline NBC' shadows newbie S.F. firefighter
Hartlaub, Peter
San Francisco Chronicle, p D.1
 Aug 1, 2002
 NEWSPAPER CODE: SF
 DOCUMENT TYPE: Feature; Newspaper article
 LANGUAGE: English   RECORD TYPE: ABSTRACT

ABSTRACT: The pyrotechnics in "Firehouse" share equal time with the human
stories. [Jason Raff]'s **camera** spends much of the hour **following** Smith
in her first weeks as a "probie."   Raff admits he got "very, very lucky"
in finding Smith, who was picked by her superiors for the on- **camera**
detail. Smith, 30, who was born in Canada, said she has never watched much
TV...

...gave the special a tone not far off from MTV's "Real World," with
inventive **camera** angles (including several cameras **mounted** on **speeding**
 fire **trucks**) and the occasional rock song used as background music.

12/3,K/7   (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06175345   SUPPLIER NUMBER: 62517949
TV: `The Fugitive,' on the Run Once More --- A Tormented and Taciturn Hero
  Returns to the Small Screen; '60s Noir Meets Digital Age
Phillips, Barbara D
Wall Street Journal, p A32
 Oct 16, 2000
 ISSN: 0099-9660   NEWSPAPER CODE: WSJ
 ; Newspaper article
 LANGUAGE: English   RECORD TYPE: ABSTRACT

...ABSTRACT: John McNamara] and directed by Mikael Salomon, including the
kind of heart-stopping, fugitive-freeing **car** crash that gets moviegoers'
pulses **racing** . And there were nods to the present century, too: [Richard
Kimble] (Tim Daly) searches the...

...Kimble. The drugs are no longer working well, and the couple lacks the
money and **connections** to get her state-of-the-art care. Meanwhile, the
wife, who has given up...

...and unlike the Janssenian article, this one is downright jumpy. And Mr.
Daly's Kimble **displays** a wry sense of humor that David Janssen was said
to possess off- **camera** but that his grim-faced character kept under wraps.
Tim Daly is beginning to sway...

12/3,K/8   (Item 4 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

05849950   SUPPLIER NUMBER: 48597534
Superman, Eat Your Heart Out: X-Ray Vision for the   Car
Cobb, James G
New York Times, p 1
 Jan 30, 2000
 ISSN: 0362-4331   NEWSPAPER CODE: NY
 ; Newspaper article
 LANGUAGE: English   RECORD TYPE: ABSTRACT

Superman, Eat Your Heart Out: X-Ray Vision for the   Car

ABSTRACT: HERE aren't many Sharks or Jets (or Bloods or Crips) in this
Catskill **Mountain** village, but there are street gangs of sorts, wild
marauders like the Deer, the Raccoons...

...dart out, ready to rumble. The larger of them can do serious damage to a
 car , but they inevitably end up faring the worst in any confrontation
with two tons of **speeding** machinery. This year, Cadillac has come up with
one, called Night Vision. Developed by the Raytheon Systems Company and
adopted for military and police work, it uses an infrared **camera**   **mounted**
 in the grille to capture the heat of objects in its beam. Driving with
Night...

...the Persian Gulf war and televised images of smart bombs gliding into
chimneys. The Cadillac **camera** , about the size of a one-pound can of
coffee, is **mounted** in the center of the grille of the DeVille DTS or DHS.
The thermal images it captures are projected by a heads-up **display** onto a
roughly 3-by-7-inch area on the lower part of the windshield...

 12/3,K/9   **(Item 5 from file: 483)**
DIALOG(R)File 483:Newspaper Abs Daily

05046242
A road rally with a royal touch
Gould, Glenn
Boston Globe, Sec D, p 1, col 1
 May 9, 1998
 ISSN: 0743-1791   NEWSPAPER CODE: BG
 DOCUMENT TYPE: Commentary; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Long (18+ col inches)

ABSTRACT: This is the season of **car**   **shows** but not all such **shows** are
static. Some are touring events. Two or three times a year, the cream of
 . . .

...England in competition -- a 1,000-mile-plus road rally for antiques
organized by a **Connecticut** couple, Rich and Jean Taylor. Sunday, May 17,
the Taylors' New England 1000 kicks off...

...matters automotive. We were somewhere west of Mexico and a little north
of Tumble Down **Mountain** -- that's Mexico, Maine, not our southern
neighbor. Our route instructions suggested a stop for a scenic overlook;
we paused only long enough to poke the **camera** out the window and snap a
couple of photos -- and then floored the big V...

...Benz coupe to get back on the road. We dared not dally long over
spectacular **views** of Maine's **mountains** and lakes if we were to stay in
the hunt for good marks in the...

...Translation: bumps and tight corners. Our Mercedes, rally number 11, was
one of about 40 **vehicles** on the Forza Mille V-12 Rally. There were
almost an equal number of Ferrari and Mercedes-Benz **cars** entered, several
Jaguars, a Lamborghini, and a BMW. The Forza Mille was restricted to a
field of 50 **vehicles** with 12-cylinder engines, sort of. It seems that
the Forza Mille was originally conceived...

DESCRIPTORS: **Automobile   racing ;**

 12/3,K/10   (Item 6 from file: 483)
DIALOG.(R)File 483:Newspaper Abs Daily
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04685640
`**Speedway' races into town**
Parks, Louis B
Houston Chronicle, Sec F, p 1, col 1
 Aug 8, 1997
 ISSN: 1074-7109   NEWSPAPER CODE: HC
 DOCUMENT TYPE: Movie Review-Favorable; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Medium (6-18 col inches)

...ABSTRACT: in words., but four-time Indy champion Mario Andretti does
his best to help IMAX **show** us the answer in Super Speedway. Andretti and
his son, Michael Andretti, also a top Indy- **car** driver, do this with the
help of plenty of other drivers . With the IMAX **camera mounted** to
their **cars** , the Andrettis raced with the others at more than 200 mph in
practices before real...

...After all, there are only so many times you can draw even the most
enthusiastic **viewers** back with shots from an airplane flying over a
cliff. **Car   racing** proves to be a natural, though very difficult
subject for the IMAX format.

 12/3,K/11   (Item 7 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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01797783
At Indy 500, ABC Isn't Camera Shy
Nidetz, Steve
Chicago Tribune, Sec 4, p 10, col 5
 May 22, 1992
 NEWSPAPER CODE: CT
 DOCUMENT TYPE: Commentary; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Medium (6-18 col inches)

At Indy 500, ABC Isn't Camera Shy

ABSTRACT: Steve Nidetz says that ABC's **installment** of 44 cameras will
not give the **viewer** the feeling of being at the Indianapolis 500.

DESCRIPTORS: **Automobile   racing**